

DECLARATION AND POWER OF ATTORNEY

As the below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name, that I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention or design entitled STORAGE ROUTER AND METHOD FOR PROVIDING VIRTUAL LOCAL STORAGE, the specification of which (check one):

 X is attached hereto; or

 was filed on as

Application Serial No. and was

amended on (if applicable);

that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and that I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Number</u>	<u>Country</u>	<u>Date Filed</u>	<u>Priority Claimed (Yes) (No)</u>
None.			

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

<u>Application</u> <u>Serial Number</u>	<u>Date Filed</u>	<u>Status</u>
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None.

I hereby appoint:

Jerry W. Mills	Reg. No. 23,005
Robert M. Chiaviello, Jr.	Reg. No. 32,461
Ann C. Livingston	Reg. No. 32,479
William N. Hulsey III	Reg. No. 33,402
Thomas R. Felger	Reg. No. 28,842
Charles S. Fish	Reg. No. 35,870
Wei Wei Jeang	Reg. No. 33,305
Kevin J. Meek	Reg. No. 33,738
Anthony E. Peterman	Reg. No. 38,270
Barton E. Showalter	Reg. No. 38,302
David G. Wille	Reg. No. 38,363
Philip W. Woo	Reg. No. 39,880
Bradley P. Williams	Reg. No. 40,227
Terry J. Stalford	Reg. No. 39,522
Christopher W. Kennerly	Reg. No. 40,675
Daniel P. Stewart	Reg. No. 41,332
Roger J. Fulghum	Reg. No. 39,678
Rodger L. Tate	Reg. No. 27,399
Scott F. Partridge	Reg. No. 28,142
James B. Arpin	Reg. No. 33,470
James Remenick	Reg. No. 36,902

Jay B. Johnson	Reg. No. 38,193
Christopher C. Campbell	Reg. No. 37,291
Stacy B. Margolies	Reg. No. 39,760
Robert W. Holland	Reg. No. 40,020
Steven R. Sprinkle	Reg. No. 40,825

all of the firm of Baker & Botts, L.L.P., my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

Send Correspondence To:

Baker & Botts, L.L.P.
2001 Ross Avenue
Dallas, Texas 75201-2980

Direct Telephone Calls To:

Anthony E. Peterman
at (512) 322-2599
Atty. Docket No. 064113.0103

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of the first inventor

Geoffrey B. Hoes

Inventor's signature



Date

12/22/97

Residence (City, County, State)

Austin, Travis County,
Texas

Citizenship

United States of America

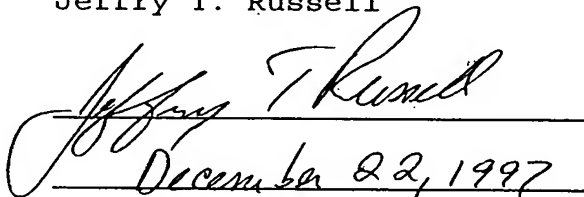
Post Office Address

1904 Ann Arbor Avenue
Austin, Texas 78704

Full name of the second inventor

Jeffry T. Russell

Inventor's signature



Date

December 22, 1997

Residence (City, County, State)

Cibolo, Guadalupe County,
Texas

Citizenship

United States of America

Post Office Address

205 Kariba Cove
Cibolo, Texas 78108

U.S. Patent and Trademark Office

Recordation Form Cover Sheet -Form PTO-1595 (01/31/92)

Patents Only

Page 2

Attorneys Docket: 064113.0103

Section 1 -Name of conveying parties

Additional names (individual)

Jeffry T. Russell

205 Kariba Cove

Cibolo, Texas 78108

United States of America

ASSIGNMENT

WHEREAS, we, the undersigned inventors of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Crossroads Systems, Inc. (hereinafter referred to as "Assignee"), a Texas corporation, with its principal address at 9390 Research Blvd., Suite II-300, Austin, Texas 78759, desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interests are concerned, to Assignee.

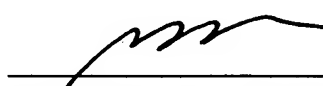
We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: STORAGE ROUTER AND METHOD FOR PROVIDING
VIRTUAL LOCAL STORAGE

Signature of first Inventor:
Inventor's Name:



Geoffrey B. Hoes

Residence (City, County, State)

Austin, Travis County,
Texas

Date:

12/22/97

Date Application Executed:

12/22/97

Signature of second Inventor:
Inventor's Name:



Jeffrey T. Russell

Residence (City, County, State)

Cibolo, Guadalupe County,
Texas

Date:

December 22, 1997

Date Application Executed:

December 22, 1997

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: Geoffrey B. Hoes, et al.
Serial No. 09/001,799
Filing Date: December 31, 1997
Group Art No. Unknown
Title STORAGE ROUTER AND METHOD FOR PROVIDING
VIRTUAL LOCAL STORAGE

Copy from Prior Application

Assistant Commissioner of Patents
Washington, D.C. 20231

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that this documents is being deposited in the United States Postal Service as first class mail on the date identified below in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

Rebecca Morrison
Rebecca Morrison

4-15-98
Date

REVOCATION OF POWER OF ATTORNEYS

AND

POWER OF ATTORNEY AND CHANGE OF MAILING ADDRESS

Sir:

Crossroads Systems, Inc., which is the assignee of record of 100% of the right, title and interest in the above-identified application, as evidenced by the Assignment enclosed herewith, hereby revokes all previous Powers of Attorney and appoints the following attorneys, all of the firm of Gray Cary Ware & Freidenrich, LLP, to prosecute the above-identified patent application and to transact all business in the Patent and Trademark Office connected therewith.

WILLIAM N. HULSEY III
STEPHEN E. REITER
GREGORY P. RAYMER
DAVID F. KLEINSMITH
BARRY N. YOUNG
TIMOTHY W. LOHSE
STANLEY H. KIM

Registration No. 33,402
Registration No. 31,192
Registration No. 36,647
Registration No. 40,050
Registration No. 27,774
Registration No. 35,255
Registration No. 40,047

Applicant(s): Geoffrey B. Hoese, et al.
Serial No.: 09/001799
Filed: December 31, 1997
Page 2

PATENT
Attorney Docket No.: 103671.991120
(formerly 064113.0103)

MARNIE WRIGHT BARNHORST
DARLENE W. HAYES
RAMSEY R. STEWART
STEVEN R. SPRINKLE
MICHAEL A. HOFF

Registration No. 36,740
Registration No. 33,899
Registration No. 38,322
Registration No. 40,825
Registration No. 40,018

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

Direct all telephone calls to WILLIAM N. HULSEY III at (512)
457-7040.

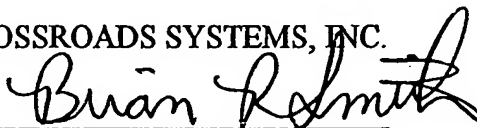
Address all correspondence to:

William N. Hulsey III
GARY CARY WARE & FREIDENRICH, LLP
100 Congress Avenue, Suite 1440
Austin, Texas 78701

Respectfully submitted,

CROSSROADS SYSTEMS, INC.

By:



Brian R. Smith

Chief Technical Officer

Date:

April 11, 1998

FORM PTO-1595
1-31-92RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name and Address of Conveying Party(ies):

Geoffrey B. Hoes
1904 Ann Arbor Avenue
Austin, Texas 78704☐ Individual/Citizenship: United States of America

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other	

Execution Date: December 22, 1997

2. Name and Address of receiving Party(ies):

Name: Crossroads Systems, Inc.

Internal Address: Suite II-300

Street Address: 9390 Research Blvd.

City: Austin

State/Zip: Texas 78759

☒ Corporation/State TexasAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 22, 1997

A.

B. Patent No.(s)

Additional Numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Anthony E. Peterman

Internal Address: Baker & Botts, L.L.P.

Street Address: 2001 Ross Avenue

City/State/Zip: Dallas, Texas 75201-2980

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

<input checked="" type="checkbox"/> Enclosed
<input type="checkbox"/> Authorized to be charged to deposit account

8. Deposit account number:

(Attach Duplicate Copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Anthony E. Peterman

Name of Person Signing

Signature

December 31, 1997

Date

Total number of pages including cover sheet 4

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information:

Commissioner of Patent and Trademarks

Box Assignments

Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

U.S. Patent and Trademark Office

Recordation Form Cover Sheet -Form PTO-1595 (01/31/92)

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United States of America

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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interests are concerned, to Assignee.


We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

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Inventor's Name:



Geoffrey B. Hoese

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Texas

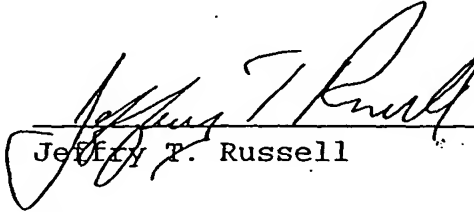
Date:

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Signature of second Inventor:
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Jeffrey T. Russell

Residence (City, County, State) Cibolo, Guadalupe County,
Texas

Date:

December 22, 1997

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